

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023201.D
 Acq On : 25 Aug 2025 09:41
 Operator : SY/MD
 Sample : VY0825SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBL01

Quant Time: Aug 25 23:44:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	621806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1134002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1027760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	427611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	313650	52.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.860%
35) Dibromofluoromethane	7.634	113	362583	53.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.103	98	1349487	50.908	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.401	95	410071	48.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.200%

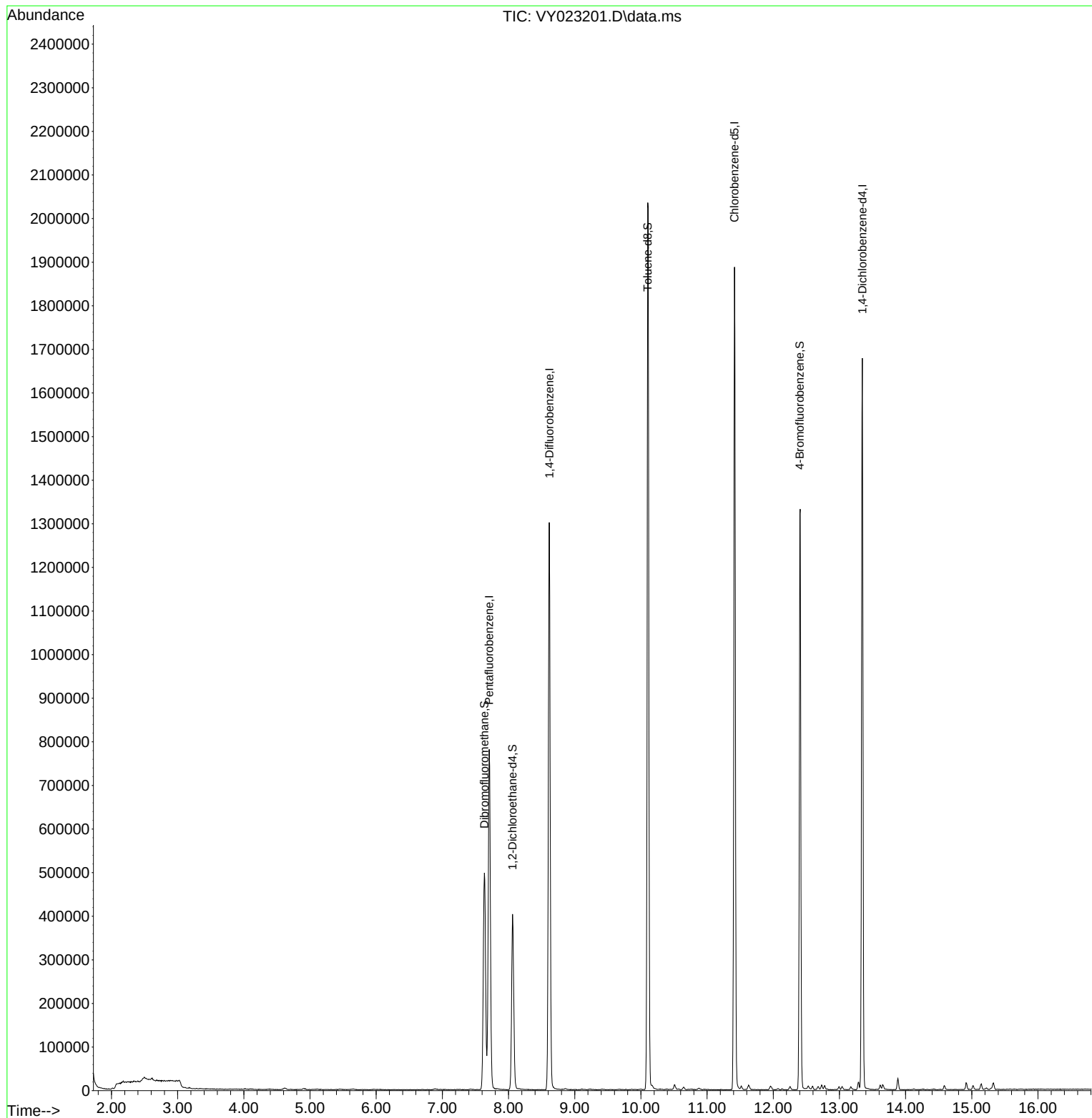
Target Compounds	Qvalue

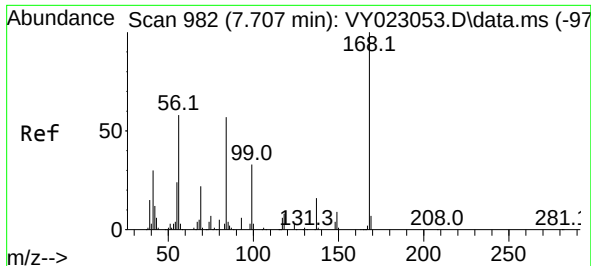
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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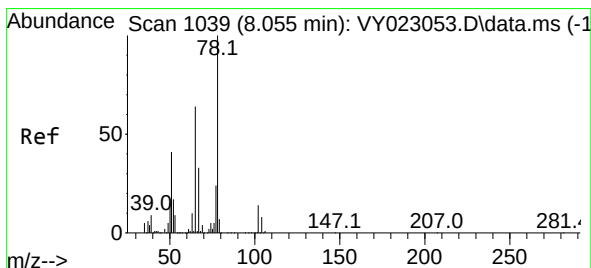
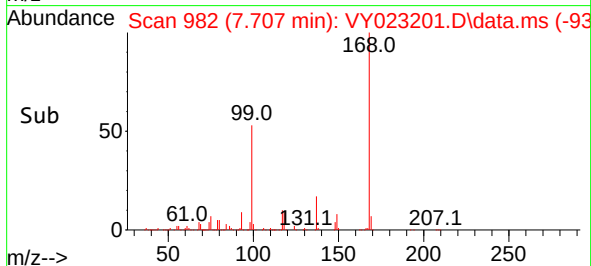
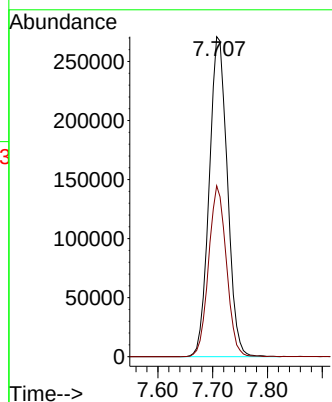
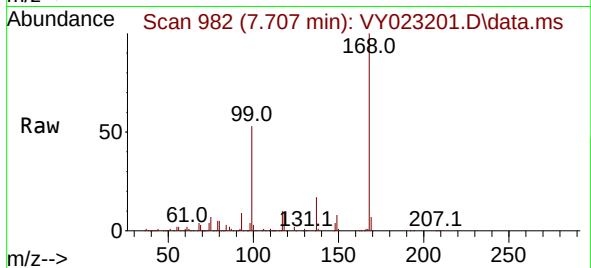




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

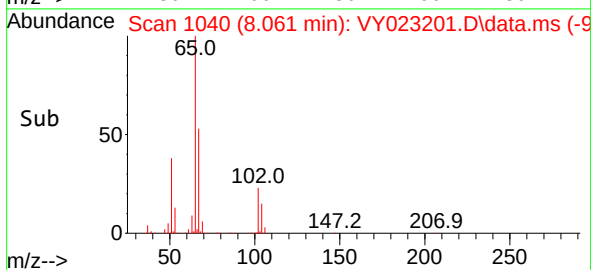
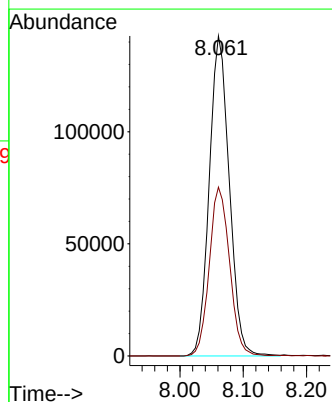
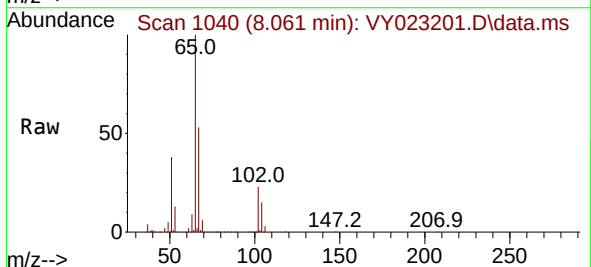
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

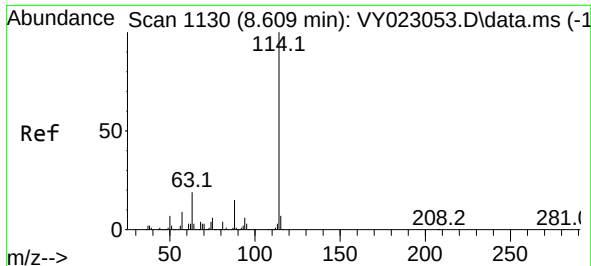
Tgt Ion:168 Resp: 621806
Ion Ratio Lower Upper
168 100
99 53.4 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 52.926 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion: 65 Resp: 313650
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.8

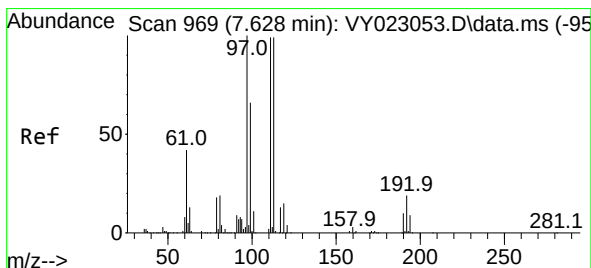
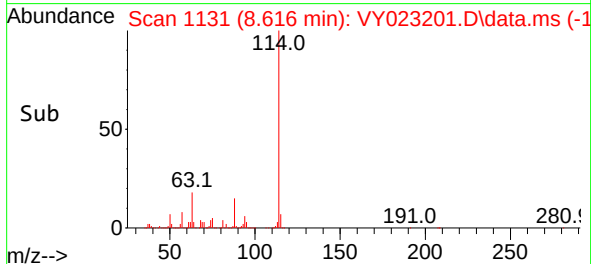
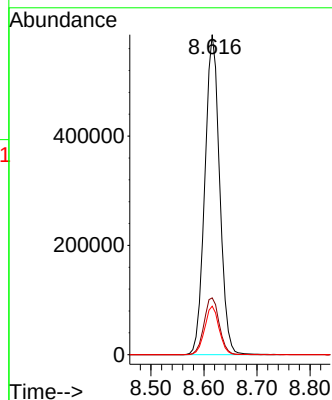
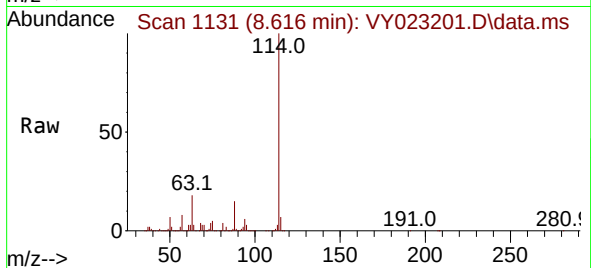




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

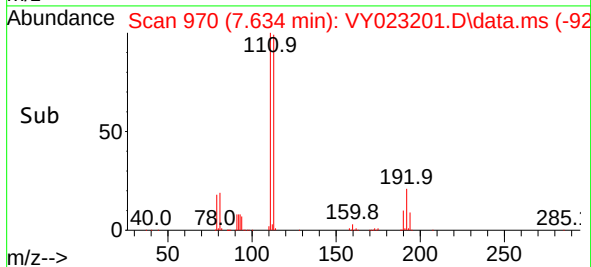
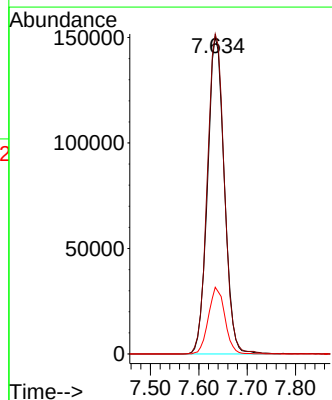
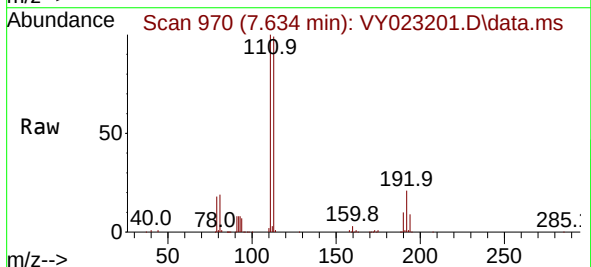
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

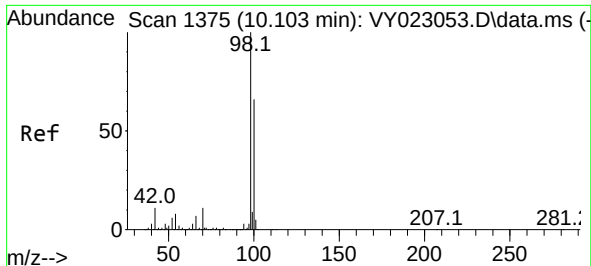
Tgt Ion:114 Resp: 1134002
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 15.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.435 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion:113 Resp: 362583
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.6 16.2 24.4

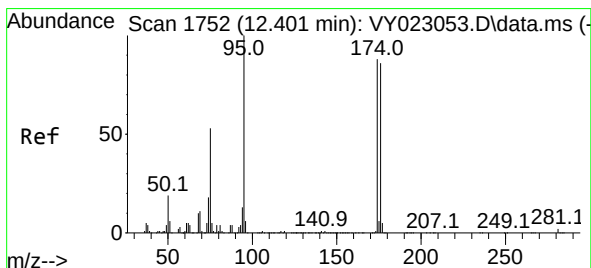
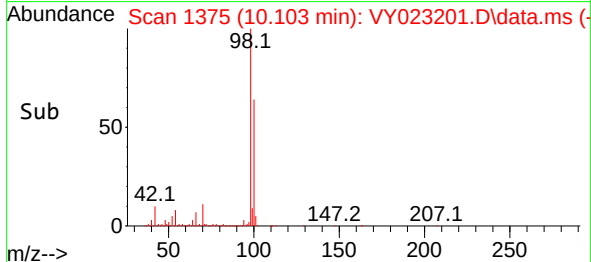
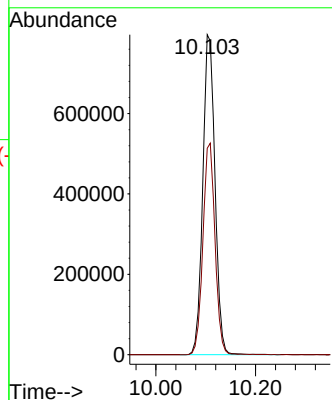
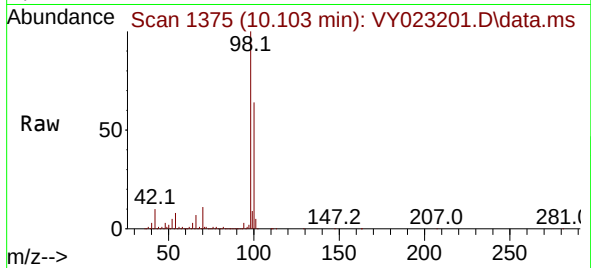




#50
Toluene-d8
Concen: 50.908 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

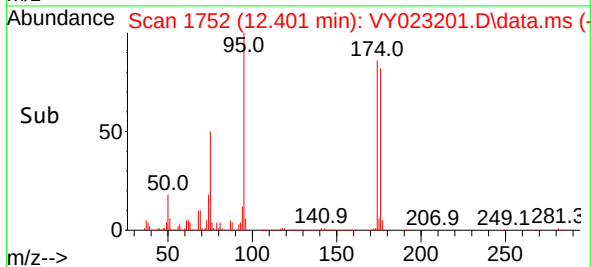
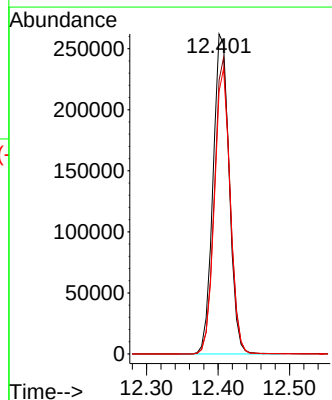
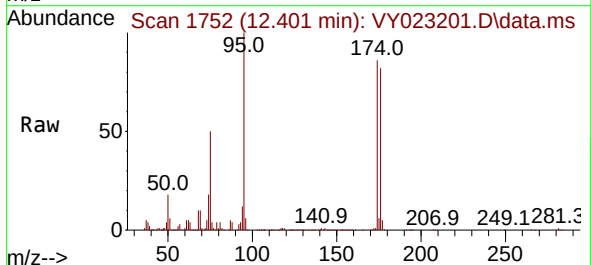
Instrument :
MSVOA_Y
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VY0825SBL01

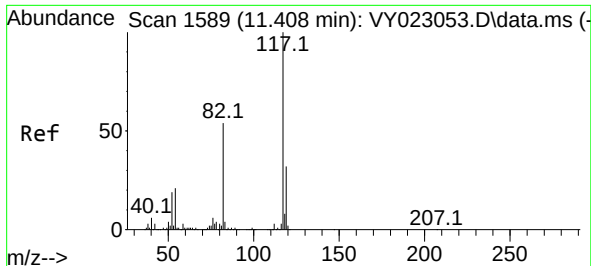
Tgt Ion: 98 Resp: 1349487
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.102 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion: 95 Resp: 410071
Ion Ratio Lower Upper
95 100
174 90.0 0.0 171.6
176 87.3 0.0 167.6

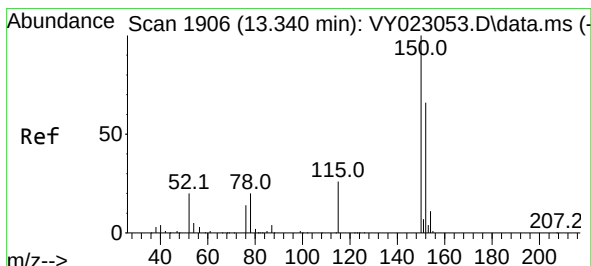
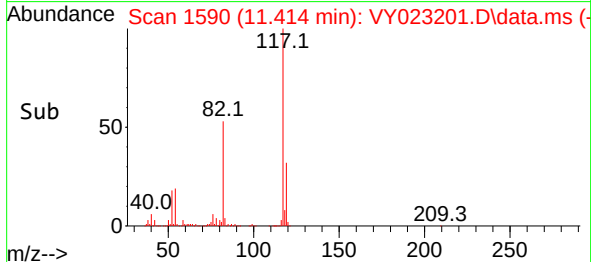
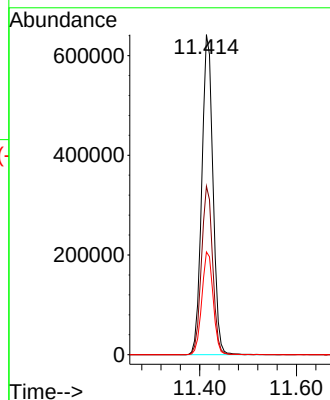
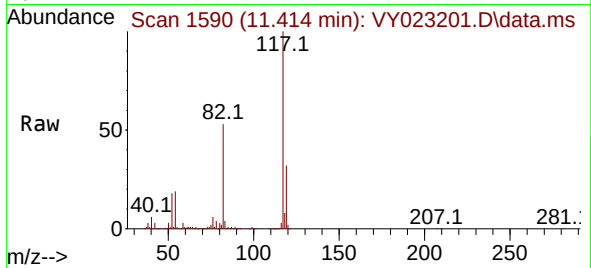




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

Tgt Ion:117 Resp: 1027760
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023201.D
Acq: 25 Aug 2025 09:41

Tgt Ion:152 Resp: 427611
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.6
150 156.0 0.0 348.0

